



The Chair for **Fundamentals of Natural Language Processing** at the **Otto-Friedrich-Universität Bamberg** aims to fill, at the next possible date, a position as

Scientific Employee (m/f/d)
(Full time, salary according to E13 TV-L)

The position is available for a term of 1 year. We intend to extend the contract, conditioned on the availability of project funding.

The Chair for Fundamentals of Natural Language Processing in Bamberg (<https://www.bamnlp.de/>) performs research to understand and develop automatic methods in NLP. Our goal is to achieve generalizing methods (e.g., based on deep learning, probabilistic models, language models) motivated by innovative applications in psychology, the life sciences, and the digital humanities/computational social sciences.

Your Role

You will work in the project „User’s Choice of Images and Text to Express Emotions in Twitter and Reddit" (ITEM)", funded by the German Research Foundation (DFG). The project goal is to understand how users of social media use images and text to express their emotions, and to cause in emotions in others. We develop methods to automatically recognize these emotions. The role of the Postdoc (or an experienced Ph.D. Student) is the development of text corpora which are the fundament for model development. You will formalize, develop and conduct the annotation study. This project is co-lead by Prof. Carina Silberer from the University of Stuttgart. We expect you to spend a considerable amount of time in Stuttgart to work on the project with her.

Your Profile

- M.Sc. or Ph.D. in Computer Science, Computational Linguistics, or a related area.
- Experience in the development on annotated corpora.
- First practical experience with the use of crowdsourcing platforms like AMT or Prolific.
- Fundamental knowledge of machine learning and NLP methods.
- Very good command of English, knowledge of German is not required.
- Ability to work in a team, excellent communication skills, enthusiasm, and an accurate working style.

General:

The Otto-Friedrich-University Bamberg aims to increase the ratio of women in research and teaching and thus asks qualified women explicitly to apply. Applicants with disability (m/f/d) will have preference at otherwise equal qualification. The University Bamberg was certified as being a family friendly university by the Hertie foundation. The university focuses on the compatibility of family and career.

The position can be filled part-time. Part of the work can be done from home.

Application:

Please send your complete application including a brief motivation letter, your CV, and the contact details of two references combined in one PDF file by email to roman.klinger@uni-bamberg.de. If you have questions, please contact Prof. Dr. Roman Klinger.

Application Deadline: February 28, 2024

Contact:

Otto-Friedrich-Universität Bamberg
Lehrstuhl für Grundlagen in der Sprachverarbeitung
Prof. Dr. Roman Klinger
E-Mail: roman.klinger@uni-bamberg.de
Homepage: <https://www.bamnlp.de/>